



CITY OF SAN ANTONIO

PLANNING AND DEVELOPMENT SERVICES DEPARTMENT

TO: All Planning and Development Services Department Customers

SUBJECT: **INFORMATION BULLETIN 160**
Elevator Sump Pump Provisions

DATE: September 17, 2009

This information bulletin is intended to clarify the provisions regarding elevator sump pumps. The Texas Department of Licensing and Regulation (TDLR) adopted the American Society of Mechanical Engineers (ASME) standard 17.1 regarding requirements for elevator sumps and sump pumps. There have been several accepted methods for providing the sump pump and drain line from the pump that no longer comply with the adopted ASME 17.1 standard. The Planning and Development Services Department (PDSD) in an effort to coordinate Elevator Sump Pump and Elevator Sump Pump Discharge requirements with the Texas Department of Licensing and Regulation (TDLR) and the San Antonio Water Systems (SAWS) has determined the following.

The elevator sump pump shall discharge fluid out of the elevator pit without human intervention at a minimum rate of 50gpm or 3000gph. SAWS shall permit the sump pump to discharge into the sanitary sewer but does not allow the sump pump to discharge into the storm drain. However, any fat, oil or grease (fog) in the discharge shall not exceed 200mg/l (milligrams per liter) as per Ordinance 34-472(2)(f), 34-472(2)(o) and 34-472(4)(b). In addition, discharge fluid shall not be discharged to the outdoors. Therefore PDSD will require the following be provided for elevator pits:

The proposed design shall provide for automatic control of the sump pump at the minimum discharge rates required by TDLR, and one of the following:

1. Letter from the engineer stating the sump pump discharge direct into the sanitary sewer will contain no more than 200mg/l of fog, or
2. The discharge shall be automatically collected and then manually inspected for presence and amount of fog prior to discharge into the sanitary, or
3. An automatic oil separation system shall be provided prior to the discharge of liquids into the sanitary.

If you have any questions regarding this Information Bulletin or the procedure for designing elevator pit sump pumps, please call a Development Services Engineer at (210) 207-8394.